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December 15, 2014

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: November 2014 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.32

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in November 2014 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **November 17** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **November 20** – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A. Anchor QEA will submit the results of the focused Differential Temperature Study (DTS) investigation performed in September and October 2014 following the collection of additional data in the focused area in the first quarter of 2014.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submit the December monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

NW Natural remains ready at EPA's convenience to meet with EPA to discuss the path forward for the Gasco Sediments Site. Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Assistant Project Manager



Carl Stivers, Partner
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Alan Gladstone and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



Visual Observations Log Form

Date November 20, 2014 **Project Number:** 000029-02 BG-32 Task 4a

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 8)—November 2014

Time Observations Started: November 20, 2014 @ 08:30 **Time Observation Concluded:** November 20, 2014 @ 09:30

Weather Conditions: Overcast, 39° Fahrenheit, 0-7 knots from the south-east.

Wave Action Observations: Little wave action (0.0 – 0.2 feet in height)

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 11/20/14 ranged in elevation from 2.68 to 6.14 feet. The Willamette River level during photos was approximately 3.48 feet measured at 09:00 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No additional erosion / deposition is evident along the shoreline. A section of organoclay mat material measuring 40 feet in length is partially submerged at the downriver extent of the cap at the water's edge (Photo 1). Two areas of exposed organoclay mat material measuring 1-2 feet in length up river of the 40-foot section identified above. A segment measuring 5-foot in length is approximately 8 feet shoreward of the water's edge near the lateral mid-point of the cap area. A 20-foot by 6-foot section of mat material is shoreward of the water's edge located perpendicular to the shoreline at the upriver boundary of the cap.

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, the Fuel and Marine Marketing (FAMM) containment boom was placed across the cap area, between the upriver corner of the ship dock and the wooden dolphin (near the upriver extent of the site and near the Siltronic Corporation outfall). Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview of the site shoreline is shown in Photo 2.

Other Comments:

No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by:

Douglas Laffoon

Photo 1 — *Visible section of organo-clay mat at the downriver extent of cap area (11/20/14):*



Photo 2— *FAMM oil boom placement and mariner warning buoys at pilot cap area. (11/20/14):*



Photo 3 — *Conditions immediately downriver of cap area (11/20/14):*

